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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
TC.3700 MAIL ROOM

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#11C  
Amult  
12/15/03  
1-7-03  
NE

IN THE MATTER OF:

APPLICANT: ANTONIO JOSE DE ARAUJO PORTO

APPLICATION NO.: 09/837,951

EXAMINER: Trinh T. Nguyen

FILED: April 19, 2001

GROUP ART UNIT: 3726

FOR: METHOD OF MANUFACTURE AN ENTIRE PISTON, AND FORGING  
TOOL

December 23, 2002

AMENDMENT

Hon. Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

S I R:

In response to the Office Action of November 14, 2002,  
please amend as follows:

IN THE SPECIFICATION:

Page 8, after line 19: insert the following:

500 DLY  
C1  
Do not  
enter  
TTN  
1/15/03

-- In the initial manufacturing step (A)  
a rod-like and optionally cylindrical blank  
(1) is upset and provided with a skirt 22 and  
a cavity 2, whereby contours 3-6 are shaped  
onto the skirt 22 along a longitudinal axis  
1' in the vicinities of its inner and outer  
circumferences 3 and of its upper and lower  
faces 4. In the subsequent manufacturing step (B)  
further contours 6 are shaped onto the  
preliminarily-shaped piston 7 along another  
axis 1" by forging at approximately 90° to  
the first axis 1', especially the  
longitudinal axis. --

IN THE CLAIMS:

10  
Change claim 45 to read as follows:

C2  
-- 16. A method of manufacturing an entire piston for  
internal-combustion engines comprising the steps of: